

MATERIAL SAFETY DATA SHEET

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Section 1

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For Chemical Emergency Only:

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PRODUCT IDENTIFICATION:**HAZARD RATING**

1
2 x 0

Super Glue Quick Setting Epoxy Resin (T-QS): Part A

Section 2 - HAZARDOUS INGREDIENTS INFORMATION:

Hazardous Components (Common Names, CAS Number)	OSHA PEL	ACGIH TLV	OTHER LIMITS	% OPTION
Bisphenol A/Epichlorohydrin based epoxy resin (25085-99-8)	NE	NE	NE	

Section 3 - PHYSICAL/CHEMICAL CHARACTERISTICS:

Boiling Point:	NA	Specific Gravity (H ₂ O=1):	1.17
Vapor Density (Air=1):	NA	Melting Point:	NA
Vapor Pressure (mm Hg):	0.03 @ 25C	Evaporation Rate (Butyl Acetate = 1):	NA
Solubility in Water:	Practically insoluble.		
Appearance & Odor:	Transparent viscous liquid.		

Section 4 - FIRE AND EXPLOSION HAZARD DATA:

Flash Point (Method Used): 480F (TOC) Flammable Limits: LEL: NE UEL: NE

Extinguishing Media: Carbon dioxide, foam, or dry chemicals.

Special Fire Fighting Procedures: Do not enter confined fire space without full bunker gear (helmet/face shield, bunker coat, gloves & rubber boots). Use positive pressure NIOSH-approved self-contained breathing apparatus. Cool fire exposed containers with water.

Unusual Fire and Explosion Hazards: Closed containers may explode (due to buildup of pressure) when exposed to extreme heat.

Section 5 - REACTIVITY DATA:

Stability: Unstable__ Stable XX Conditions to Avoid: Keep away from open flames & high temperatures.

Incompatibility (Materials to Avoid): Strong acids, amines, mercaptans and bases.

Hazardous Decomposition Products: Carbon monoxide/dioxide, aldehydes, acids and other organic unidentified substances may be formed during combustion or elevated (>500F) temperature degradation.

Hazardous Polymerization: May Occur May Not Occur XX2

Conditions to Avoid: Run-a-way cure reactions may char and decompose the resin system, generating unidentified fumes and vapors which may be toxic.

Section 6 - HEALTH HAZARD DATA:

Route(s) of Entry: Inhalation: YES Skin: YES Ingestion: YES

Health Hazards (Acute and Chronic):

Product moderately irritating to eyes, skin; contact with product at elevated temperatures can result in thermal burns; may cause skin sensitization; low order of acute oral toxicity noted; unlikely to be inhalation hazard due to low volatility.

Carcinogenicity: NTP: No IARC Monographs: No OSHA Regulated: No

Signs and Symptoms of Exposure & First Aid Procedures:

Eye contact - irritation: flush eyes with copious amounts of water for 15 min. while holding eyes open. Get medical attention immediately.

Skin contact - irritation/rash: remove contaminated clothing and wash with soap/water. Get medical attention if symptoms persist (contaminated leather articles i.e. shoes should be disposed of as contaminated waste).

NOTE: hot product burns require immediate medical attention.

Inhalation - Remove to fresh air and provide oxygen if breathing is difficult. Get medical attention.

Ingestion - Do not induce vomiting. In general, no treatment unless large amount is ingested, however, get medical advice.

NOTE TO PHYSICIAN: Emesis induction is normally not necessary in high viscosity, low volatility products, e.g. neat epoxy resins.

Medical Conditions Generally Aggravated by Exposure: Pre-existing eye/skin disorders or lung allergies.

Section 7 - PRECAUTIONS FOR SAFE HANDLING AND USE:

Steps to Be Taken in Case Material is Released or Spilled: Product may burn although not readily ignitable. Use cautious judgment when cleaning up large spills. Respirator and protective equipment as appropriate. Dike and contain material. Soak up residue with absorbent (clay, sand) materials and dispose of properly.

Waste Disposal Method: If product becomes waste, not considered hazardous waste by RCRA criteria (40 CFR 261). Dispose of according to federal, state and local regulations.

Precautions to Be Taken in Handling and Storing: Store in cool, dry place away from open flames and high temperatures. Avoid direct contact. Wash thoroughly after handling. Avoid breathing vapors.

Other Precautions: Empty containers may contain product residues and should be disposed of properly.

Section 8 - CONTROL MEASURES:

Respiratory Protection (Specify Type): Organic vapor respirator in areas with poor ventilation.

Ventilation: Local Exhaust: Good Mechanical (General): As needed.

Protective Clothing or Equipment: Safety glasses/goggles with side shields, chemically resistant gloves and other protective equipment to avoid direct contact.

Work/Hygienic Practices: Avoid contact with eyes or skin. Use in well ventilated area. Wash hands with soap and water after product use. Launder contaminated clothing before reuse and dispose of leather articles as contaminated waste.

Section 9 - TRANSPORTATION REQUIREMENTS:

D.O.T. Classification: Not regulated

D.O.T. Proper Shipping Name: Not regulated

Other Requirements: NA

NA = Not applicable

NE = Not established

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